

The sampling of the surface is complete with no issues except for the locations obstructed by the Ice Breaker, those will be collected after we move it back to Pier 36B around the 8th. They have moved on to collecting cores. Based on a verbal conversation and yesterday's update (I will send a summary shortly) the upper 2 to 3 feet of sediment is very soft/unconsolidated and they are getting poor recovery with the vibrocore, its essentially liquefying the upper portion of the core. They intend to go back to the locations with poor recovery and attempt to collect the shallow (0 - 3 ft) interval with hand cores. This is not explicitly described in the SAP/QAPP but referred to in sections describing using divers if there is shallow refusal. It is also described in the SOPs in the appendix. I let Ravi know over the phone yesterday that we would be using this method to improve our results. Please give me a call with any questions.

(b) (6)

From: Hoffman, Erika <Hoffman.Erika@epa.gov>
Sent: Thursday, April 25, 2019 11:38 AM
To: Hall, James C CIV <James.C.Hall2@uscg.mil>; Sanga, Ravi <Sanga.Ravi@epa.gov>
Subject: [Non-DoD Source] RE: Pier 36 summery Apr 24

Erika

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From: Hall, James C CIV <James.C.Hall2@uscg.mil>
Sent: Thursday, April 25, 2019 10:43 AM
To: Sanga, Ravi <Sanga.Ravi@epa.gov>; Hoffman, Erika <Hoffman.Erika@epa.gov>
Subject: Pier 36 summery Apr 24

The following is a summary of work completed today Wednesday 4/24. Also attached is a site figure that summarizes the work completed to date:

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Surface samples were collected in Bravo berth/pier vicinity at the following locations:

1. Berth 10
2. Berth 03
3. Pier 14
4. Pier 16
5. Pier 18
6. Pier 20

Surface samples were collected in Alpha Berth at the following locations:

1. Pier 06
2. Pier 07

Please note that these locations were outside the footprint of the Polar Sea and were accessible without the need to position our vessel between the Polar Sea and Alpha Pier.

Planned Activities for Thursday 4/25:

The planned scope of work for tomorrow is to start sediment coring within Bravo berth and beneath Bravo Pier. A quick addition to yesterday's report: the hydrographic survey was completed along Bravo pier between moving the Polar Sea and starting surface sediment sampling.

V/r

James,

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